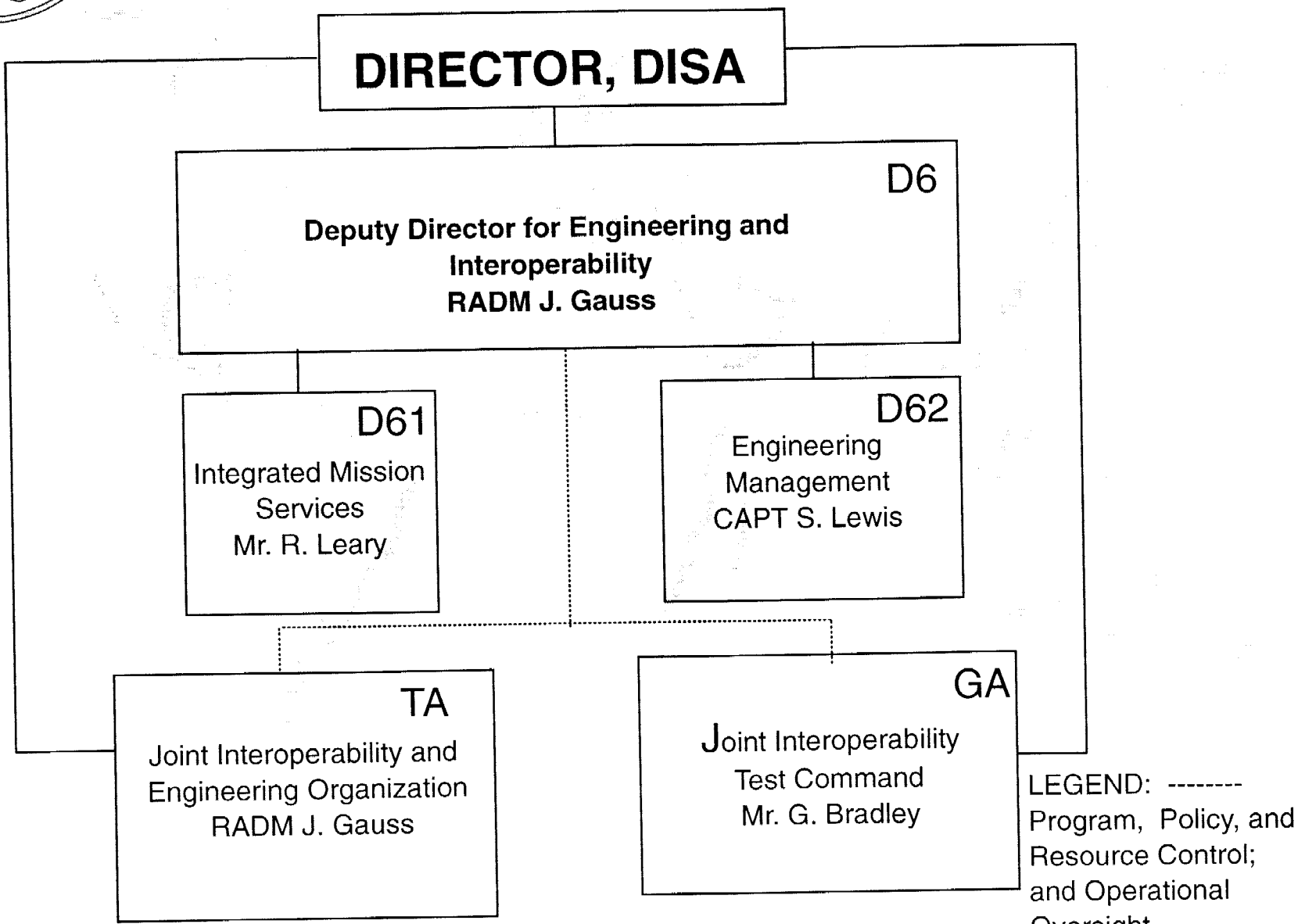# ENGINEERING & INTEROPERABILITY

DISA SENIOR LEADERSHIP
OFFSITE
FALL 94

- PROVIDE ALL REQUISITE DII SYSTEMS TECHNICAL/ENGINEERING SUPPORT TO:

  - DISA PROGRAMS

  - EXTERNAL CUSTOMERS AS DESIGNATED BY THE DIRECTOR

- PROVIDE DIRECT INFORMATION TECHNOLOGY LIFE-CYCLE SUPPORT OVER THE FULL RANGE OF:

  - WAR FIGHTING SYSTEMS

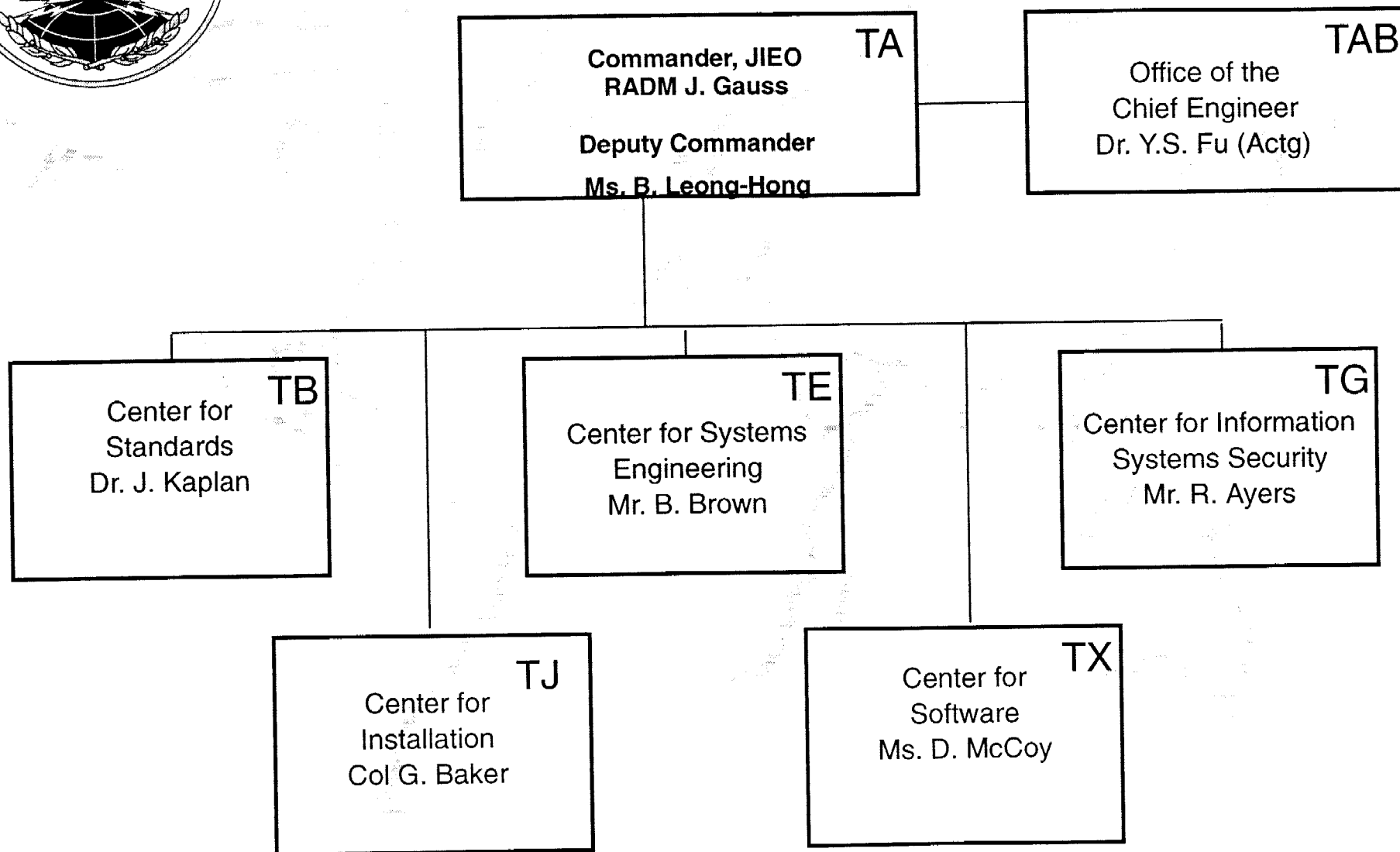 - MISSION SUPPORT SYSTEMS

  - OTHER DII SYSTEMS AND COMPONENTS

DIRECTOR, DISA

D6
Deputy Director for Engineering and Interoperability
RADM J. Gauss

D61
Integrated Mission Services
Mr. R. Leary

D62
Engineering Management
CAPT S. Lewis

TA
Joint Interoperability and Engineering Organization
RADM J. Gauss

GA
Joint Interoperability Test Command
Mr. G. Bradley

LEGEND: --------
Program, Policy, and Resource Control; and Operational Oversight

JIEO ORGANIZATION

Commander, JIEO
RADM J. Gauss

Deputy Commander
Ms. B. Leong-Hong

TA

Office of the
Chief Engineer
Dr. Y.S. Fu (Actg)

TAB

Center for
Standards
Dr. J. Kaplan

TB

Center for Systems
Engineering
Mr. B. Brown

TE

Center for Information
Systems Security
Mr. R. Ayers

TG

Center for
Installation
Col G. Baker

TJ

Center for
Software
Ms. D. McCoy

TX

- **ENGINEER THE DII**

  - **SEAMLESSLY INTEGRATE COMPONENTS OF THE DII**

  - **ENSURE INTEROPERABILITY WITH ALLIED, GOVERNMENT, AND COMMERCIAL SYSTEMS**

- **MIGRATE EXISTING, AND EXPLOIT NEW APPLICATIONS, PRODUCTS, AND TECHNOLOGIES FOR USE WITHIN THE DII**

- **DESIGN, DEVELOP, TEST, CERTIFY, AND MAINTAIN DISA INFORMATION SYSTEMS**

- **ENGINEER INFORMATION SYSTEMS FOR EXTERNAL**

- **DEVELOP AND MAINTAIN INFORMATION SYSTEM ARCHITECTURES AND STANDARDS**

- **MANAGE ENGINEERING OF DISA-SPONSORED PROGRAMS**

- **MANAGE ALLOCATION OF ALL D6 RESOURCES**

1. **GLOBAL COMMAND AND CONTROL SYSTEM (GCCS) TO INCLUDE WWMCCS TURN OFF BY 30 SEP 95**

2. **SECRETARY OF DEFENSE (SECDEF) AND EXECUTIVE TRAVEL COMMUNICATIONS**

3. **STABILIZE D6/JIEO/JITC ORGANIZATION/ RESOURCES/PROJECTS/BUSINESS PROCESS**

4. **PUT TEETH IN OUR ROLE AS OVERSEER OF INTEROPERABILITY IN DOD**

5. **ACCELERATE MIGRATION TO A SEAMLESS, MODERN, COST EFFECTIVE DISN**

6. IMPLEMENT DEFENSE MESSAGE SYSTEM (DMS)

7. ENGINEER SECURITY INTO NEW AND MIGRATION SYSTEMS

8. ESTABLISH ENGINEERING FOUNDATION FOR THE DII THROUGH ARCHITECTURAL DEFINITION, STANDARDS, ENGINEERED SYSTEMS, DEVELOPMENT INTEGRATION, TEST, AND IMPLEMENTATION

9. INTEGRATION OF INFORMATION TECHNOLOGY PROGRAMS INTO THE DII TO INCLUDE CINC/SERVICE C4 MIGRATION, INTELLIGENCE, AND "FUNCTIONAL" SYSTEMS

10. DEMONSTRATE PROTOTYPE DII IN IWID 95 AND

- **RESOLVE DISA/FIELD ACTIVITY ROLES, FUNCTIONS, AND RESPONSIBILITIES**

- **TAFIM RESPONSIBILITY**

- **TRAVEL FUNDS ARE INADEQUATE TO SUPPORT ALL MISSION COMMITMENTS**

- **PUBLISHED GCCS VER 1.1 COE**

- **SECDEF COMMS**

- **STAND UP OF CENTER FOR SOFTWARE, REALIGNED JIEO CENTERS, AND ESTABLISHED D61 ANS D62 AREAS OF RESPONSIBILITY**

- **COMPLETED COMMON WARFIGHTING SYMBOLOGY STANDARD - IMPLEMENTATION INTO GCCS PLANNED**

- **APPROVAL OF TAFIM VOL. 7, "ADOPTED INFORMATION TECHNOLOGY STANDARD"**

- **ESTABLISHED CRITICAL PATH FOR WWMCCS SHUT**

- INSTALLED GCCS 1.1 TACTICAL DISPLAY CAPABILITY AT NMCC, USACOM, USCENTCOM, NAVCENTFOR, HQ DISA, AND THE USS MT WHITNEY - DIRECTLY SUPPORTING HAITI AND PERSIAN GULF OPERATIONS

- DEPLOYED GCCS TERMINALS TO HAITI, SWA, MARFORPAC, DISA HQs, AND 1MEF. COMMON TACTICAL PICTURE TO WARFIGHTERS IN ACTION

- JWID-94. CJCS FIRST LOOK AT GCCS. LESSONS LEARNED AIDED REAL-WORLD FIELDING OF GCCS

- DEVELOPED UN PEACEKEEPING COMMAND CENTER ARCHITECTURE. ENSURES

PROJECTED NEAR-TERM ACCOMPLISHMENTS
(WITHIN NEXT 6 MONTHS)

NEAR-TERM ACCOMPLISHMENT/ STRATEGIES	METRICS	EXPECTED BENEFITS	ACTION OFFICER	MILESTONE
• GCCS				
• DEFINE EQUIPMENT LAYOUT FOR WWMCCS SITES TO BE SHUT DOWN AFTER GCCS 2.0 FIELDING	35 SITES DEFINED	ALLOWS WWMCCS APPLICATIONS TO BE TRANSITIONED TO GCCS	CDR STEVENSON	30 NOV 94
• COMPLETE TS-3 MIGRATION	100% MIGRATION	TS OFF WWMCCS		15 FEB 95
• SECDEF COMMS				
• RELOCATE AND COMBINE SECDEF/CJCS CONSOLES, AFCPA ASSUMES COMM OPS	2 CONSOLES RELOCATED	CONSOLIDATES COMM OPS	Lt Col PARSONS	30 DEC 94
• UPGRADE TO FULL DUPLEX OPERATIONS	100% SATCOM FULL DUPLEX	ELIMINATES PUSH-TO-TALK		30 DEC 94
• UPGRADE C-137B AIRCRAFT COMM SUITE	3 C-137Bs COMPLETE	ENHANCES CONNECTIVITY AND RELIABILITY		30 MAY 95
	100% COMPLETE	ADD RADIOS, ANTENNAS, INTERFACES		30 JAN 95
• ENGINEER PENTAGON GEP UPGRADE	4 C-137Cs COMPLETE	AUGMENT LIMITED UHF SATCOM		30 APR 95

PROJECTED NEAR-TERM ACCOMPLISHMENTS
(WITHIN NEXT 6 MONTHS)

NEAR-TERM ACCOMPLISHMENT/ STRATEGIES	METRICS	EXPECTED BENEFITS	ACTION OFFICER	MILESTONE
• **TBM CONTRACT AWARD**			MR. BRUCE BROWN	
• ASSIST AIR FORCE WITH SOURCE SELECTION PROCESS	REPRESENT DISA AT 4 SSACs	SUCCESSFUL CONTRACT AWARD ON SCHEDULE		20 JUL 95
• ENSURE INTEROPERABILITY WITH GCCS	PROVIDE TECH INPUT AT 2 SSEBs	ENSURES FULL INTEROPERABILITY WITH GCCS		ONGOING
• **DATA STANDARDIZATION**	1600 APPROVED DATA STANDARDS (1473 NOW)	DECREASE PROLIFERATION OF NON-STANDARD DATA	MR. KEN FAGEN	15 JAN 95
• **FINALIZE DISN DESIGN**	100% DESIGN COMPLETE, MAISRC APPROVAL	CONTINUED VOICE SERVICE FOR CONUS DISN C2 USERS; REPLACES DCTN	MR. GEORGE MORAN	30 DEC 94